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मानक

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IS 4979 (1993): Table-tennis Table [PCD 22: Sports Goods]



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Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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भारतीय मानक

टेबिल-टेनिस टेबल — विशिष्ट

(पहला पुनरीक्षण)

Indian Standard

TABLE-TENNIS TABLE — SPECIFICATION

(*First Revision*)

UDC 685.882

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BUREAU OF INDIAN STANDARDS

MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG

NEW DELHI 110002

FOREWORD

This Indian Standard (First Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Sports Goods Sectional Committee had been approved by the Petroleum, Coal and Related Products Division Council.

This standard was first published in 1968. This revision is brought out mainly to align the standard with the latest international rules of the game, as desired by the Consultative Committee of Parliament for the Department of Youth Affairs and Sports. The alterations made in this revision include modifications in the requirements for the material of the board, the bounce of ball yielded by the board and the finish of the playing surface of the table.

For the purpose of deciding a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off values should be the same as that of the specified values in this standard.

Indian Standard

TABLE-TENNIS TABLE — SPECIFICATION

(*First Revision*)

1 SCOPE

This standard prescribes requirements and test for table-tennis table.

2 REFERENCES

The following Indian Standards are necessary adjuncts to this standard:

<i>IS No.</i>	<i>Title</i>
3097 : 1980	Veneered particle boards
3659 : 1993	Table-tennis balls (<i>first revision</i>)

The above-mentioned standards contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated above.

3 TERMINOLOGY

For the purpose of this standard, the following definitions shall apply.

3.1 Board

That part of table-tennis table, whose upper surface serves as playing surface for the same.

3.2 Frame

Fixtures fixed to the board and the ones used for supporting the board at the required height.

4 REQUIREMENTS

4.1 Material

4.1.1 The board and the frame shall be manufactured from timber seasoned to moisture content not exceeding 12 percent. The wood used shall be free from centre heart decay, insect attack, sapwood and warping and such other defects which are likely to affect the utility. While the board shall be manufactured from any of the species of timber specified in Annex A, the recommended species of timber for the board and the frame are given in Annex A and B.

4.1.2 Alternatively, the table-tennis table may be provided with a solid core veneered particle board conforming to Grade I, Type I of IS 3097 : 1980.

4.2 The typical shape of the table is shown in Fig. 1. The dimensions shall conform to those indicated in the figure.

4.3 Manufacture Workmanship and Finish

4.3.1 The table shall consist of two parts, namely the top known as 'board' and the supports known as 'frame'.

4.3.2 The board used (one-piece or two piece) shall be perfectly plane and free from any noticeable curvature and shall be at least 12 mm in thickness. This shall be supported on a frame at the specified height in such a way that it is perfectly horizontal.

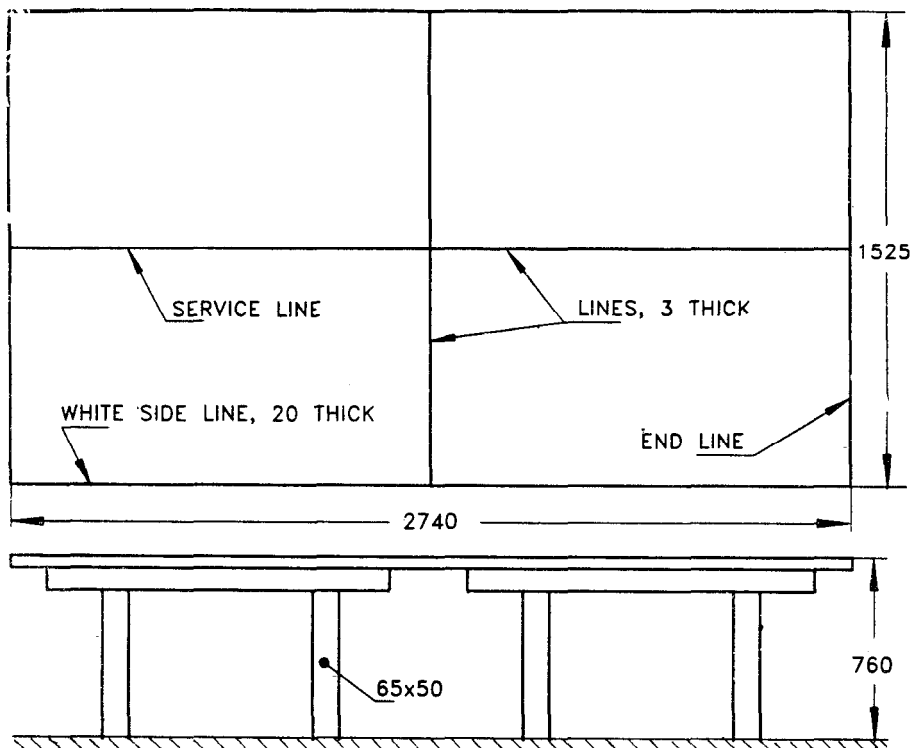
In case of two-piece top, these shall be supported on separate frames at the required height and the boards shall have arrangement for locking when brought together to form the top.

4.3.3 The upper surface of the board known as playing surface shall be dark coloured, preferably dark green or dark blue, and matt, with a white side line 20 mm wide along each 2.74 m edge and a white end line, 20 mm wide along each 1.525 m edge. The playing surface shall be divided into two parts by a 3 mm broad white line running parallel to the side lines, termed the centre line and equidistant from each of them for 'doubles' game.

4.3.4 The construction of the frame shall be such that in no way it interferes with the player during the play.

4.3.5 The table as a whole shall be stable enough to withstand normal disturbances experienced during play. It shall not have any part which is capable of tilting the surface level, when touched during play.

4.3.6 The nails and screws used shall not project outside.



All dimensions in millimetres.

FIG. 1 TABLE-TENNIS TABLE

4.4 Bounce Test

The board shall yield a uniform bounce of not less than 220 mm and not more than 250 mm when a standard table tennis ball (see IS 3659 : 1993) is dropped from a height of 305 mm above its playing surface at various points.

5 PACKING AND MARKING

5.1 Packing

The table-tennis table shall be packed as agreed to between the purchaser and the supplier.

5.2 Marking

5.2.1 Each table shall be marked with the following:

- Name of the material;
- Indication of the source of manufacture;
- Batch or lot number; and
- Month and year of the manufacture.

5.2.2 Material may also be marked with the Standard Mark.

6 TEST METHODS

Tests shall be carried out as mentioned under 4.4 above.

ANNEX A

(Clause 4.1.1)

SPECIES OF TIMBER FOR BOARD

TRADE NAME	BOTANICAL NAME	TRADE NAME	BOTANICAL NAME
Ash	<i>Fraxinus</i> sp.	rosewood	<i>Dalbergia latifolia</i> Roxb.
bijasal	<i>Pterocarpus marsupium</i> Roxb.	sissoo	<i>Dalbergia sissoo</i> Roxb.
chickrassy	<i>Chukrasia tabularis</i> Adr.Juss.	teak	<i>Tectona grandis</i> Linn. f.
Indian oak	<i>Quercus semicarpifolia</i> Smith	walnut	<i>Juglans</i> sp.
padauk	<i>Pterocarpus dalbergioides</i> Roxb.	white cedar	<i>Dysoxylum malabaricum</i> Bedd.

ANNEX B

(Clause 4.1.1)

RECOMMENDED SPECIES OF TIMBER FOR FRAME

TRADE NAME	BOTANICAL NAME	TRADE NAME	BOTANICAL NAME
aini	<i>Artocarpus Hirsuta</i> Lamk.	padauk	<i>Pterocarpus dalbergioides</i> Roxb.
Ash	<i>Fraxinus</i> sp.	piney	<i>Kingiodendron pinnatum</i> (Roxb.) Harms.
bijasal	<i>Pterocarpus marsupium</i> Roxb.	poon	<i>Calophyllum</i> sp.
birch	<i>Betula</i> sp.	rosewood	<i>Dalbergia latifolia</i> Roxb.
bola	<i>Morus laevigata</i> wall.	sissoo	<i>Dalbergia sissoo</i> Roxb.
chickrassy	<i>Chukrasia tabularis</i> Adr. Juss.	teak	<i>Tectona grandis</i> Linn. f.
deodar	<i>Cedrus deodra</i> Loudon	walnut	<i>Juglans</i> sp.
Indian oak	<i>Quercus semicarpifolia</i> Smith.	white cedar	<i>Dysoxylum malabaricum</i> Bedd.
Maple	<i>Acer</i> sp.		

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